

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

Claims 26-35 are pending in this application

**Claim 1-25. (canceled).**

**Claim 26. (currently amended):** A scan type display optical system which scans ~~light on~~ a projection surface with light, comprising:

a mirror;

a first driving mechanism which scans ~~the light in a first direction on~~ the projection surface with the light in a first direction by rotating the mirror;

a second driving mechanism which scans ~~the light in a direction different from the first direction on the projection surface~~ rotates the first driving mechanism in the first direction; and

a solid axle which connects the first driving mechanism and the second driving mechanism ~~a third mechanism which rotates the first mechanism.~~

**Claim 27. (previously presented):** The scan type display optical system according to claim 26, further comprising a projection optical system which has a plurality of optical surfaces including a reflective surface and guides the light reflected by the mirror to the projection surface,

wherein the mirror is substantially arranged at an entrance pupil position of the projection optical system.

**Claim 28. (canceled).**

**Claim 29. (currently amended):** The scan type display optical system according to claim 26, wherein the first driving mechanism resonantly swings the mirror.

**Claim 30. (currently amended):** The scan type display optical system according to claim 26, wherein the rotational axis of the mirror substantially coincides with the rotational axis of the first driving mechanism.

**Claim 31. (previously presented):** The scan type display optical system according to claim 26, further comprising a light guiding optical system which has a lens and guides the light to the mirror.

**Claim 32. (currently amended):** A The scan type image display apparatus comprising:  
a modulation device modulating light; and  
a scan type display optical system according to claim 26; and which scans a projection surface with the light modulated by the modulation device.

~~a modulation device which guides a light modulated in accordance with an image signal to the mirror.~~

**Claim 33. (new):** The scan type display optical system according to claim 26, further comprising a control circuit which controls the driving of the first and second driving mechanisms.

**Claim 34. (new):** The scan type display optical system according to claim 26, further comprising a third driving mechanism which scans the projection surface with the light in a second direction orthogonal to the first direction,

wherein a two-dimensional image is formed on the projection surface by driving the first and third driving mechanisms.

**Claim 35. (new):** The scan type display optical system according to claim 34, wherein the display area of the two-dimensional image on the projection surface is moved by rotating the first driving mechanism through the second driving mechanism.